

## ABSTRACT

In an ATM switch, upon the occurrence of a line fault, an SNMP agent of an ATM switch on a called side detects a line fault and notifies  
5 the line fault to a calling side by a trap signal. An SNMP agent having  
an SNMP manager function of an ATM switch on the calling side  
receives the trap signal. A line manager specifies a line on which a  
fault has occurred based on line fault information of the trap signal  
and switches over to a predetermined alternate line. Also, the ATM  
10 switch has a PNNI interface mounted thereon and notifies a PNNI line  
fault to the calling side by the trap signal.

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